

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL FORM  
(only for new nonprovisional applications under 37 CFR 1.53(b))

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202  
**BOX: PATENT APPLICATION**

SIR:

Transmitted herewith for filing is the patent application (including Specification, Claims, and Abstract, 35 pages) of:

Inventors : Selena Chan, Philippe M. Fauchet, Scott R. Horner, and Benjamin L. Miller

For : MICROCAVITY BIOSENSOR, METHODS OF MAKING, AND USES  
THEREOF

*\*\*If a CONTINUING APPLICATION, please mark where appropriate and supply the requisite information below and in a preliminary amendment:*

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP)  
of prior application Serial No.

Prior application information: Examiner :  
Art Unit :

Enclosed are:

- ☒ 10 sheets of formal drawings.
- ☐ Signed Combined Declaration and Power of Attorney (\_\_\_\_ pages).
- ☐ Copy of signed Combined Declaration and Power of Attorney (\_\_\_\_ pages) from a prior application (1.63(d) (for continuation/divisional).
- ☐ Signed statement deleting inventor(s) named in prior application (\_\_\_\_ pages) (1.63(d)(2) and 1.33(b)).
- ☐ Incorporation By Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the enclosed application and is hereby incorporated by reference therein.
- ☐ Assignment (\_\_\_\_ pages) of the invention to \_\_\_\_\_.
- ☐ Assignment Transmittal Letter.
- ☐ Certified copy of a foreign priority document.
- ☐ Associate power of attorney.
- ☒ Applicants claim small entity status. (See 37 CFR 1.27.)

- ☐ Preliminary Amendment (\_\_\_\_ pages).
- ☐ Information Disclosure Statement, form PTO-1449 (\_\_\_\_ pages) and \_\_\_\_ references.
- ☒ **UNSIGNED** Combined Declaration and Power of Attorney (3 pages).
- ☒ Statement in Accordance with 37 CFR § 1.821(f) and computer readable 3.5" Diskette.
- ☒ A self-addressed, prepaid postcard acknowledging receipt.
- ☐ Other:

The Filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	SMALL ENTITY		OR	LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE	XXXXXXXX	XXXXXXXX	XXXX	\$370	OR	XXXX	\$740
TOTAL CLAIMS	45 - 20 =	25	x 9 =	\$225	OR	x 18 =	\$
INDEP CLAIMS	3 - 3 =	0	x 42 =	\$	OR	x 84 =	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			x140 =	\$	OR	x280 =	\$
			TOTAL	\$595	OR	TOTAL	\$

\*If the Total Claims are less than 20 and Indep. Claims are less than 3, enter "0" in Col. 2

- ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. **A duplicate copy of this sheet is enclosed.**
- ☒ A check in the amount of **\$595.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1138. **A duplicate copy of this sheet is enclosed.**
- ☒ Address all future communications to:

Michael L. Goldman  
NIXON PEABODY LLP  
Clinton Square, P.O. Box 31051  
Rochester, New York 14603-1051

Date: February 21, 2002

Edwin V. Merkel  
Edwin V. Merkel  
Registration No. 40,087

NIXON PEABODY LLP  
Clinton Square, P.O. Box 31051  
Rochester, New York 14603-1051  
Telephone: (585) 263-1128  
Facsimile: (585) 263-1600

02-26-02

A



**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 176/61011 (2-11144-1010)  
APPLICANTS: Selena Chan, Philippe M. Fauchet, Scott R. Horner, and Benjamin L. Miller  
TITLE: MICROCAVITY BIOSENSOR, METHODS OF MAKING, AND USES THEREOF

Certificate is attached to the Utility Patent Application Transmittal Form (2 pages) of the above-named application.

EXPRESS MAIL NUMBER: EL801321493US  
DATE OF DEPOSIT: February 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Box: Patent Application, Arlington, VA 22202.

Jo Ann Whalen  
(Typed or printed name of person  
mailing paper or fee)

  
(Signature of person mailing paper  
or fee)

**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 176/61011 (2-11144-1010)

APPLICANTS: Selena Chan, Philippe M. Fauchet, Scott R. Horner, and Benjamin L. Miller

TITLE: MICROCAVITY BIOSENSOR, METHODS OF MAKING, AND USES THEREOF

Certificate is attached to the **Statement in Accordance with 37 CFR § 1.821(f)** (1 page) and computer readable 3.5" Diskette of the above-identified application.

EXPRESS MAIL NUMBER: EL801321493US

DATE OF DEPOSIT: February 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Box: Patent Application, Arlington, VA 22202.

Jo Ann Whalen

(Typed or printed name of person  
mailing paper or fee)



(Signature of person mailing paper  
or fee)

**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 176/61011 (2-11144-1010)

APPLICANTS: Selena Chan, Philippe M. Fauchet, Scott R. Horner, and Benjamin L. Miller

TITLE: MICROCAVITY BIOSENSOR, METHODS OF MAKING, AND USES THEREOF

Certificate is attached to the Patent Application including specification, claims, and abstract (35 pages), Sequence Listing (2 pages) and UNSIGNED Combined Declaration and Power of Attorney Form (3 pages) of the above-identified application.

EXPRESS MAIL NUMBER: EL801321493US

DATE OF DEPOSIT: February 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Box: Patent Application, Arlington, VA 22202.

Jo Ann Whalen  
(Typed or printed name of person  
mailing paper or fee)

  
(Signature of person mailing paper  
or fee)

**EXPRESS MAIL CERTIFICATE**

DOCKET NO.: 176/61011 (2-11144-1010)  
APPLICANTS: Selena Chan, Philippe M. Fauchet, Scott R. Horner, and  
Benjamin L. Miller  
TITLE: MICROCAVITY BIOSENSOR, METHODS OF MAKING, AND  
USES THEREOF

Certificate is attached to the **Informal Drawings (10 sheets)** of the above-identified application.

EXPRESS MAIL NUMBER: EL801321493US  
DATE OF DEPOSIT: February 21, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Box: Patent Application, Arlington, VA 22202.

Jo Ann Whalen  
(Typed or printed name of person  
mailing paper or fee)

  
(Signature of person mailing paper  
or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Chan et al.	)	Examiner:
			)	To be Assigned
Serial No.	:	To be Assigned	)	
			)	Art Unit:
Cnfrm. No.	:	To be Assigned	)	To be Assigned
			)	
Filed	:	Herewith	)	
			)	
For	:	MICROCAVITY BIOSENSOR, METHODS	)	
		OF MAKING, AND USES THEREOF	)	
			)	

STATEMENT IN ACCORDANCE WITH 37 CFR § 1.821(f)

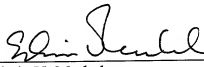
Commissioner for Patents  
Washington, D.C. 20231  
**Box: Patent Application**

Sir:

In accordance with 37 CFR § 1.821(f), this statement confirms that the contents of the Sequence Listing (2 pages) of the subject application as submitted herewith and on the computer readable 3.5" Diskette submitted herewith are the same.

Respectfully submitted,

Date: February 21, 2002

  
Edwin V. Merkel  
Registration No. 40,087

NIXON PEABODY LLP  
Clinton Square, P.O. Box 31051  
Rochester, New York 14603-1051  
Telephone: (585) 263-1128  
Facsimile: (585) 263-1600